

c 11,300 yrs ago

American overkill - climax of the
Pleistocene overkill, in the Americas.

11,300 yrs ago (9,300 BC)

American Hunter-Gatherers
in U.S.

About 11,000 yrs ago \pm = 9000 BC \pm

The warming climate melted the glaciers and raised the seas. Encroaching forests drove the great grazing animals, north, some to extinction.

Something new and profound would eventually sweep across Europe - agriculture.

11,000 yrs ago - 9000 BC

Maya: Hunter-gathering occupation

9,300 BC
11,300 yrs ago

Beginning about 11,300 yrs ago hunters seem to have passed as an annihilating wave across the landscapes of North America and South America, at an average rate of 16 kilometers per year. By the time they reached the tip of South America, they had eliminated two thirds of the mammalian species in the two continents including nearly all the large animals.

they were spread, seen & demonstrated as
a source of meat. In the high Andes,
the llama and its relative escaped
extinction, while the modern lion
evolved as a new species the lonely
wanderer in the great plains.

8000 BC

11,000 YA

mastodons and other large
mammals become extinct
perhaps victims of human
hunting and climate change.

9000 → 8000 BC

Qesmez Dere (West of Menarich)

9000-8000 BC

U'lefaat (East of Nineveh)

9000BE
11,000 YRS AGO

World wide glacial melting
raised the ~~oceans~~ oceans of the
world 250 feet

7000 BC
11,000 YA

A distinctive tropical
culture thrived in
Brazil around 11,000 YA

9077 BC

Juricho

Archaeologists have uncovered layers of ruins showing that the site of Juricho has been occupied off & on, since about 9000 B.C.

c 9000 BC

Agriculture by humans appeared
on Earth.

They began cutting down trees.
Clearing wild places, planting
fields of grain, domesticating
animals

9078 BC

Evidence of the furthest advance
of the ice cap near Milwaukee,
Wisconsin

9000-7000 BC

Warmer climate

11,000 yrs ago 9000BC

Mammots, horses, Camels and
dozens of other large Ice Age
mammals all vanished
by about 11,000 yrs ago.
Many scientists ~~said~~ cite
climate change. Others say it
was humans killing them
off with their spears.

10,000 B C

12,000 Y A

With the coming of the Ice Age
some 12,000 yrs ago hunter-gatherers
living in the Dead Sea
rift zone made some crucial
innovations in the collecting
of plant foods.

At Jericho, they gathered
the seeds of cereal grasses
from the rocky craps flanking

the valley and planted them in
fertil alluvial soil; thus domestic
plants.
entire take domestic cells,
years & deep.

10,000 BC

The world's first farmers seem to have emerged in Asia about 10,000 BC. And in the next few thousand years men began to live settled lives in many parts of the Old World.

10 K 4 A

Mammaths became extinct.
Some are still preserved in
the permanently frozen
territories of northern Siberia,
Alaska, and Canada.

10,000 BC

Natufian communities of Palestine
harvest wild emmer wheat
& use grindstone to produce
flour.

10,000 BC

Palaeo - Indian stage begins in
North America, nomadic big game
hunters using 1st Clovis
and later Folsom stone
projectile points

10,000 BC

TX

The existence of ancient peoples
in the TX area about 10,000
B.C. is firmly established

10,000 BC
12,000 Y A

People were in southwestern
U.S.,

L12, ~~000~~ 4 A 10, 0 TO BC

Sea level was approx. 60
meters below present
level (2000 AD)

c10,000BC

Last Ice Age
come to an end.

12000 yrs ago = 10,000 BC

Modern theory (2001) is that Asians
were the 1st to cross the Bering
land bridge to North America
around 12,000 yrs ago

Carbon dating shows 40 people in 28 graves
were buried about 11,000 yrs ago

c 10,000 BC

Agriculture began

10,000 BC

Human settlement reaches the southern tip of America (Fell's Cove, Patagonia).

North American ice-sheets retreat.
Settlements become more abundant

10,000 B.C.

There were many Indians in California. Their Composites have been traced back to that date.

They were poorly prepared to fight off the first Spanish conquerors.

c 10,000 BC

The last Ice Age comes to an end.

10,000 BC

~~12,000~~ yrs ago.

Dendrochronology:

Count rings in trees trunks

10,000 BC
12000 yrs Ago

Sabertooth Skull

Dated: Carbon 14

Discovered along side many
other Pleistocene animals in
California's La Brea tar pits.
Saber toothed Cat was one of
last to walk the Earth.
The final ice age extinction
happened roughly 11,500 yrs ago

10,000 B.C.

World population: 10 M

10,000 BC - 9,000 BC

AZILIAN period

10,000 BC → 8000 BC

Natufian Period

~~12/20/20~~ 10K

Mesolithic (Archaeology)
Middle Stone Age

12,000 YA 10,000 B.C.

Bison hunting begins on
Great Plains of North America

- 10,000 BC

MESOLITHIC

(means Middle Stone Age)
the period following the
last glacial period which
spanned the gap between
the hunters and gatherers of
the Old Stone Age and the
agricultural communities of
the New Stone Age

10,000 BC
C 12,000 y A

Chipped stone tools of Late
Paleolithic gave way to more
advanced stone tools made
by grinding and polishing

120,000 yrs ago = 10, 0T to BC

Ice-free corridor opened
through Canada

10,000 BC

In Americas - most of the teeming
animal life (including horses)
had disappeared.

101 000 to 8000 BC

The NATUFIAN culture flourished
from at least 10,000 BC to 8000 BC
and possibly earlier.

Natufians carried on experimental
activities with plants and animals.

10,000 BC
12,000 YA

Many archaeologists (in 1999) have assumed that Clovis people crossed into North America from Siberia about 12,000 yrs ago and then moved eastward.

10,000 BC

Magdalenian period

C10,5003e

glaciers started to retreat from
the Near East.

10,000 B.C.

Mammals were being hunted
in Arizona as early as 10,000 B.C.

10,000 B.C.

Climate of near East increased
as it is now. the following

centuries as ice of the last glacier
melted, sea level rose worldwide.

In Eastern Mediterranean archaeologists
have found remains of early villages
under the sea off the coast of
Israel

10,000 BC - 12,000 BP

The need to feed more mouths may help explain the rapid spread of agriculture that took place in the world beginning 12,000 yrs ago.

10,000 BC
12,000 yrs ago

By genetic evidence, the Amerindian originated as hunter-gatherers from Asia, and although the Bering Strait was flooded about 12,000 yrs ago, assertive newcomers could have walked in from Alaska or arrived by boat.

10,000 BC → 9,000 BC

Colder Climate

~10,000 BC \rightarrow 3000 BC

MESOLITHIC PERIOD

10,000 BC

Semi-permanent agricultural
settlements in Old World.

10,000 BC

Smithsonian Timeline
Pg 65

Found at GROTTA DU TAIL in France,
a piece of bone about 4 in. long, may
be oldest known solar Cal. Each of the
more than 1000 marks engraved on
it may represent a day

C10,000 KC

Zero was discovered by HINDU priests

10,000 BC

In America, by 10,000 BC most of the taming animal life (including horses) had disappeared.

Late Palaeolithic man with his greatly expanded population, played a major part in this process

10,000 B.C.

most of the teaming animal
life (including horses) had
disappeared from the Americas

12,000 yrs ago 10,000 BE

Ice free corridor opened through
Canada, the hunters from Siberia
advanced into the rich gamelands
of the American plains & as game became
depleted moved through isthmus
of Panama into South America

10,000 BC → 6000 BC

(Demout)
Between 10,000 & 6000 BC a neolithic culture appeared in Italy: a long-headed race called by ancient tradition Liguri and Sicili fashioned rude pottery with linear ornament, made tools and weapons of polished stone, domesticated animals, hunted and fished, and buried their dead. Some lived in caves, others in

round huts of wattis and dent

10,000 BC

Wolves tamed as dogs.

12,000 yrs ago = 10,000 BC

The wolf was tamed as THE
dog, and showed extreme genetic
plasticity, producing varieties from
Great Danes to toy poodles

12,000 yrs ago - 10,500 B.C

ALLERÖD warm spell

12,000 yrs ago = 10,000 BC

Wolves were domesticated as dogs.

A dog-like jaw with crowded teeth suggestive of domestication and about 12,000 yrs old turned up in PAL EGA WRA cave, Iraq

10,000 BC (12,000 years ago)

The big-game hunting way
of life was doomed.

The ice caps were retreating
(and they still are 1-12-91)
the seas rose - some 150 ft

10,000 BC (WILDER)

Nile Neolithic Culture

10,000 BC \rightarrow 8,000 BC

12,000 \rightarrow 10,000 yrs.

The cave bear died out.

12,000 yrs ago = 10,000 BC

LLANO MAN (TX) hunted
huge mammoths on the
High Plains of West TX.

12,000 yrs ago \approx 10,000 BC

In the earliest post-glacial period in Scandinavia men were moving over its habitable areas, food-gathering, hunting fowling, and fishing, leaving their mark on a flint here, an antler there.

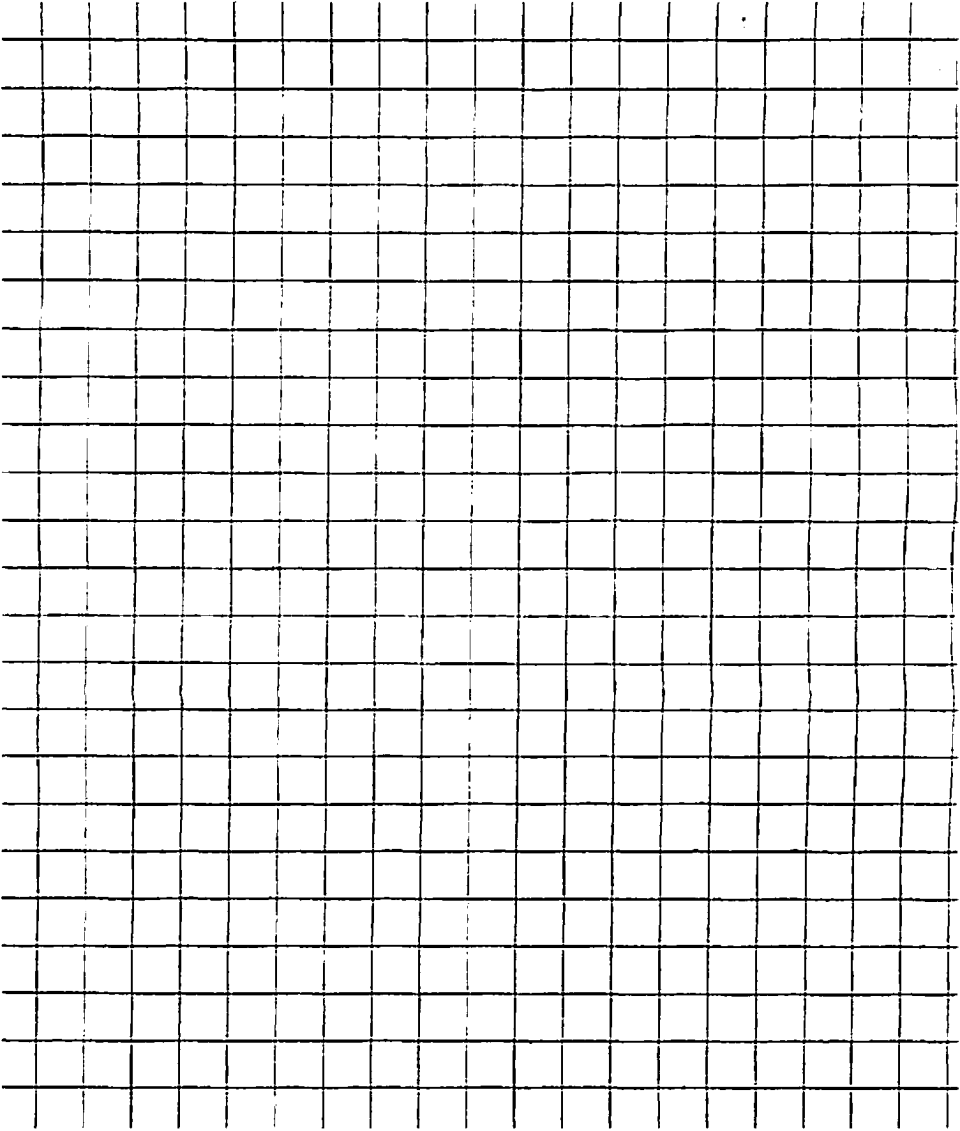
BY 10,000 B.C

Temperature of northern hemisphere had increased sufficiently for the ice to melt away in Britain.

Almost all of Ireland had been covered by ice.

PRE HISTORY \equiv time before invention
of writing.

The invention of writing determines
the beginning of what we shall call
the Historical Period



12,000 yrs ago = 10,000 BC

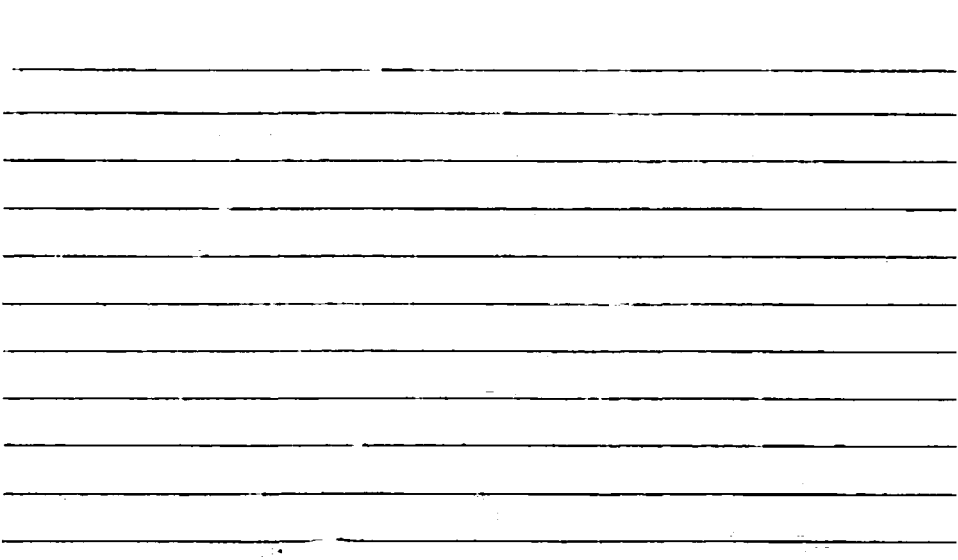
The earliest animal definitely tamed, and modified as a result of its domestication was the wolf, becoming the dog - around 12,000 yrs ago. in south-western Asia, where it seems to have been a pet and a hunting companion. Goats and sheep were next;

10.000 BC

Wooden reaping knives set with
flint blades used in Palestine

c 10,000 BC

Zero was invented (discovered)
Hindu priests.



C10, 176C

Beginning of 4th warm period
(includes present time)

Men hunt: women learn to plant
seed and to harvest.

Wooden dwellings along streams
Pile dwelling in Swamps Lakes

Aqueducts leads to permanent settlement
and towns: Primitive Commerce.

was among communities
living mixed tribes; Hadzoman, in
counting east of the Danube.
Picked plant and their tools, Toto ground
on ribstone; Endless way of plant.
Pattern made.

12,000 yrs ago = 10,000 B.C.

Earth's climate began to warm
melting glaciers and bringing
an end to last ice age. This
brought floods.

People learned to train & breed
their pets

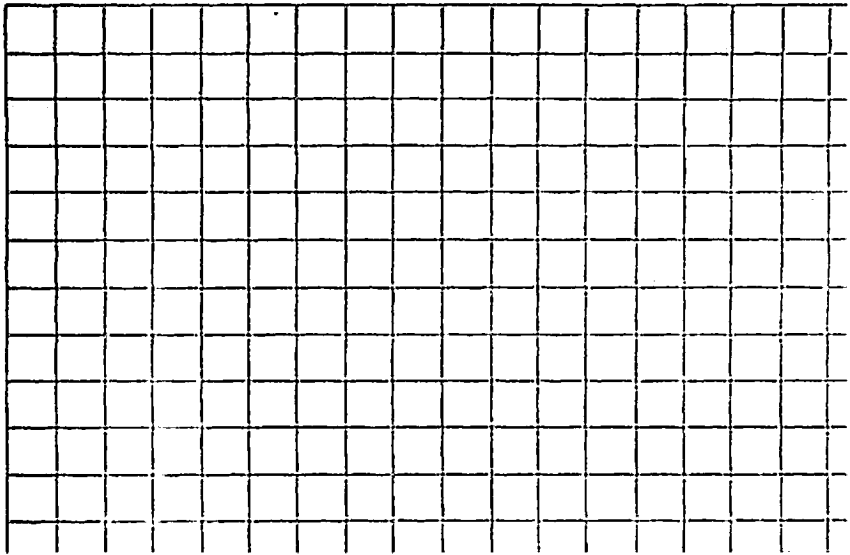
Women learned to weave

10,000 BC

Man reaches the tip of South
America

10,000 - 9000 BC

The dog is domesticated in
mesopotamia (IRAQ) and CANAAN
(Israel)



10,000-5000 BC

MESOLITHIC Age

Prehistoric period that marked
the period of transition between
the Old Stone Age and the
New Stone Age.

12,000 yrs ago = 10,000 BC

Invention of bow

9,800 BC \rightarrow 6500 BC

MAGDALENIAN Culture
Essentially a continuation
of Aurignacian Culture
under colder conditions

9,800 BC - 6500 BC

During the Magdalenian period
which bridges the outgoing
Upper Palaeolithic and the
Mesolithic very considerable use
was made of bone.

11,700 yrs ago 9,700 BC

Oldest living organism -
King Clone, a creosote plant
in the California desert

11,600 years ago = 9,600 BC

Midland Woman (Near Midland Texas) represents the oldest dated human in America.

9500 BC

The philosopher Plato first told the story of Atlantis in about 350 BC. He said that it was a great island in the Atlantic Ocean that had vanished about 9,000 yrs earlier.

The latest theory is that Atlantis was the continent now called Antarctica

9500 BC to 5000 BC

Neolithic
New Stone Age

9500 BC

$$\begin{array}{r} 11,500 \text{ Y A} \\ \underline{2,000} \\ 9,500 \text{ BC} \end{array}$$

The final ice age extinction
happened roughly 11,500 yrs ago

9500 B C

One authority gives Stonehenge,
England dating from
about 9500 B C.

11,500 Yr
11,500 Yr

Sites from Florida to Alaska
have yielded distinctive Clovis
stone points. Such finds
date to 11,500 yrs ago at the
earliest

11,300 yrs ago - 9,300 B.C.

Amerindians from eastern Asia
w North America: through southern
North America: thence to forefront
South America by 10,500 yrs ago